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REMARKS

Claims 1 through 14 are pending in the above-identified patent application.

In the above-referenced Office Action, **Claims 1 - 11, and 14** are rejected under **35 U.S.C. §112 second paragraph** as being indefinite.

Claims 12 - 13 are in condition for allowance.

The Applicant respectfully requests reconsideration of the application in view of the foregoing amendments and the discussion that follows. The status of the Claims is now as follows: **Claims 1 through 14** are pending in the present application; and **Claims 1, 2, 5, and 14** have been amended herein. Accordingly, **Claims 1 through 14** are active in the present application. The Applicant believes that all claims as amended herein are enabled by the Specification. No new matter was introduced in amending the Claims.

THE PRESENT AMENDMENT

Prior to proceeding to a detailed discussion of the merits of the outstanding rejections and objections to the Claims, it will first be helpful to summarize the changes made by the amendments set forth herein. The Claims as amended herein are set forth in the above **CLAIMS LISTING:** (see **Page 2** herein).

a. Amendments to the Claims

Applicant has amended **Claims 1, 2, 5, and 14** to particularly point out and to distinctly claim the subject matter the Applicant regards as his invention.

i. **Amendments to Independent Claim 1**

Claim 1 as amended herein removes the limitation “*predetermined*” from the shape of each imprint stamp. Support for the amendments to independent **Claim 1** can be found in the Specification as originally filed. For example, Page 4, in the fourth paragraph in the Summary of the Invention, Page 6, in reference to **FIGS. 12a through 12c** and **FIG. 15** in the Brief Description of the Drawings, Page 8, in the first paragraph and in the third paragraph in reference to **FIGS. 8** and **10** in the Detailed Description, Page 10, in the third paragraph and in the fifth paragraph in reference to **FIGS. 12a through 12c** in the Detailed Description, and in the Abstract. No new matter was added in amending **Claim 1**.

In the above mentioned portions of the Specification as filed, the imprint stamp **20** is described as including “complex shapes” that can vary among the imprint stamps **20**. Accordingly, the deletion of the term “*predetermined*” in the present amendment fully supports the remaining term “a shape” in independent **Claim 1** such that **Claim 1** is no longer indefinite under **35 U.S.C. §112 second paragraph**.

ii. **Amendments to Dependent Claim 2**

Claim 2 was amended to remove the term “*predetermined*” for the same reasons as set forth above for independent **Claim 1** from which **Claim 2** depends. The amendment to **Claim 2** also provides a proper antecedent basis for the terms “the shape”. Support for the amendments to **Claim 2** can be found in the Specification as originally filed. For example, see the support for the amendments to **Claim 1** above.

iii. **Amendments to Dependent Claim 5**

Claim 5 was amended to replace the term “*PYREX*” with a correct limitation to a type of trademarked material for a glass “**PYREX**” that is well understood in the microelectronics art. Accordingly, by setting the term “**PYREX**” in bold type face in amended Claim 5, the term “**PYREX**” is no longer indefinite and one of ordinary skill in the art would understand that a material for the substrate **11** as set forth in **TABLE 3** on Page 13 of the Detailed Description can include a glass material from **PYREX™**. In **Claim 5** as supported by **TABLE 3** of the Detailed Description, **PYREX** describes a source of the goods for a glass material for the substrate **11**. **MPEP 2173.05(u) (August 2001)** One of ordinary skill in the art would understand and appreciate that a glass material from the makers of **PYREX™** would be a suitable material for the substrate **11**.

iv. **Amendments to Dependent Claim 14**

Claim 14 was amended to remove the terms “to a predetermined thickness” and to replace those terms with “until the filler layer is recessed below the substantially identical height”. Support for the amendments to **Claim 14** can be found in the Specification as originally filed. For example, Page 15, third paragraph of the Detailed Description, and **FIG. 20** of the Drawings. Dependent **Claim 13** from which **Claim 14** depends also provides proper antecedent basis for the terms “until the filler layer is recessed below the substantially identical height.”

ARGUMENT

The Applicant respectfully submits that **Claims 1, 2, 5, and 14** as amended herein are no longer indefinite and overcome the Examiners rejections under the **35 U.S.C. §112 second paragraph**. Therefore, the rejection of **Claims 1 - 11, and 14** under **35 U.S.C. §112 second paragraph** ought to now be withdrawn. Because **Claims 2 - 11** depend from independent **Claim 1** and inherit all of its limitations, the Applicant respectfully submits that **Claims 2 - 11** are not indefinite and overcome the Examiners rejections under the **35 U.S.C. §112 second paragraph**.

Similarly, because dependent **Claim 14** depends from independent **Claim 12** which the Examiner has stated is in condition for allowance, and because dependent **Claim 14** inherits all the limitations of **Claim 12** and **Claim 13**, the Applicant respectfully submits that **Claim 14** is no longer indefinite and overcomes the Examiners rejection under the **35 U.S.C. §112 second paragraph**.

Accordingly, the Claims as amended herein are patentably distinct over the prior art of record and are enabled by the Specification and ought to now be allowed.

CONCLUSION

For the reasons set forth above, the Applicant respectfully submits that each of the Claims presently in the application are nonobvious and patentably distinct over the prior art of record and are enabled by the Specification as filled. The Applicant respectfully requests that the Examiner withdraw the rejections and objections to the Claims as set forth in the Office Action mailed **28 August 2003** and requests the issuance of a Notice of Allowance such that the present application may timely issue as a U.S. patent.

AUTHORIZATION TO CHARGE FEES DUE TO HP PTO DEPOSIT ACCOUNT

Any fees due in response to the Office Action mailed **28 August 2003**, including any fees for Extensions of Time, are Authorized to be charged to the HP PTO Deposit Account Number: **08-2025**.

Respectfully submitted,

Heon Lee

Dated: November 26, 2003

By: 

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